



WARNINGS

This guide is intended to be used as a reference. Each individual handloader must determine what is the best and safest load for their equipment. The loads described in this guide were generated at the ballistics test facilities of Western Powders, Inc. in accordance with SAAMI (Shooting Arms and Ammunition Institute) guidelines. All loads are fired through test barrels and individual results fired through different firearms may vary. The handloader is cautioned to read and follow safe reloading practices such as those outlined in the NRA Guide to Reloading before attempting to reload any cartridge.

DISCLAIMER

Western Powders, Inc. has developed this guide to provide the handloader with current data for reloading Accurate powders. This guide is not intended to be a reloading textbook, but rather a list of recommended loads for Accurate powders. As Western Powders, Inc. has no control over the actual reloading procedures and methods being used, or the condition or choice of firearms and components used, no responsibility for the use of this data is implied or assumed. The buyer/user assumes full responsibility, risk, and liabilities for all injuries (including death), damages, and/or losses to persons or properties resulting from the use / misuse of this product. The ballistics data contained in this guide was obtained at Western Powders' ballistics facilities under strictly controlled conditions and is applicable ONLY for Accurate powders. It is important to remember that equipment variations, different reloading techniques, as well as component variations will most likely yield slightly different ballistics data. With this in mind, it is imperative that you do not exceed the maximum charge recommendations in this guide and that you always start loading with the minimum powder charges in the loads illustrated.

POWDER WARNINGS

Smokeless powder is intended to function by burning. Therefore, it must be protected from exposure to flame, sparks, high temperatures and the sun's rays. When ignited, smokeless powder will normally continue to burn (and generate gas pressure) until the powder is entirely consumed. With this in mind:

1. **NEVER MIX OR SUBSTITUTE powders with other powders;**
2. Avoid open flames, combustible agents, and any spark-producing tools when handling powders;
3. Store powder in its original container in a cool / dry place;
4. Do not keep or use old or salvaged powders;
5. Check powder for deterioration on a regular basis. Deteriorated powder is detected by its noxious odor (not to be confused with solvents such as alcohol or ether).
6. Pour out only the amount of powder necessary for the application being conducted;
7. If you accidentally spill powder, use a broom and dust pan to clean it up. DO NOT VACUUM the spilled powder;
8. Do not stockpile powder - store and utilize the amount of powder necessary for your current reloading needs;
9. Be certain that the powder container is empty prior to discarding.

COMPONENT WARNINGS

Primers

1. NEVER MIX PRIMER BRANDS from different manufacturers;
2. Store primers in their original packaging(s) in a cool, dry place. Exposure to heat causes primer deterioration;
3. Do not stockpile primers or store in bulk. Storing primers in this manner can lead to mass detonation if a primer ignites;
4. Do not de-cap live or new primers - fire them in the appropriate gun and then de-cap;
5. For best results, use the mildest primer consistent with good ignition;
6. Do not force primers. If there is resistance in seating or feeding primers, stop and investigate the cause of the problem;
7. Clean your hands before and after handling primers - oil contamination can affect the ignitability of the primer.

QUALITY CONTROL

Reloading provides an individual with a cost effective means of obtaining ammunition, while at the same time allowing for custom load assemblage. You, the individual handloader, are responsible for producing the ammunition that you will later shoot. The caution and diligence you put into your reloading process can be ultimately rewarding or disastrous depending upon the quality of your work.

1. Common sense and care must be practiced during all phases;
2. Follow load recommendations exactly.
3. ALWAYS START LOADING WITH THE MINIMUM POWDER CHARGE SHOWN;
4. Designate a work area to be used only for reloading and keep that area clean and orderly;
5. Label components and reloads for quick and easy identification;
6. Develop a reloading routine and follow it;
7. Understand what you are doing and why it must be done in a specific manner; Never reload when you are tired or distracted;
8. Wear safety glasses when reloading;
9. DO NOT smoke, eat, or drink in your reloading area or while you are reloading;
10. Keep your powder, reloading equipment and firearms secure from children;
11. Obey all laws and regulations regarding purchasing, quantity, and storage of powder(s).
12. When the case fill is less than 50% extreme care should be taken to avoid the possibility of double charging. Always check every round.

NOTE:

THIS DATA SUPERSEDES ALL PREVIOUS ACCURATE LOAD DATA.

Always use the latest load data

For loads not listed in this guide and the latest updates, visit our website at:

www.accuratepowder.com



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COMPANY ABBREVIATIONS

AK	Alaska Bullet Company	HWK	Hawk	REM	Remington
BAR	Barnes	LC	Laser Cast	RSH	Rushmore
BRG	Berger	LYM	Lyman	SIE	Sierra
BRY	Berry's	MCB	Montana Cast Bullets	SF	SinterFire
CP	Cast Performance	MTB	Mount Baldy	TS	True Shot
FED	Federal	MTG	Montana Gold	WC	West Coast
GS	GS Custom Bullets	NOS	Nosler	WDL	Woodleigh
HDY	Hornady	OT	Oregon Trail	WIN	Winchester

PRIMER ABBREVIATIONS

SP	Small Pistol	LPM	Large Pistol Magnum	LR	Large Rifle
SPM	Small Pistol Magnum	SR	Small Rifle	LRM	Large Rifle Magnum
LP	Large Pistol	SRM	Small Rifle Magnum		

BULLET ABBREVIATIONS

A-BOND	Accubond	JHP	Jacketed Hollow Point	SPHJ	Soft Point Heavy Jacket
AF	A Frame	JRN	Jacketed Round Nose	SPSX	Spire Point Super Explosive
BB	Broad Base	JSP	Jacketed Soft Point	SS	Semispitzer
BK	Blitz King	JSWC	Jacketed Semi Wadcutter	SSP	Single Shot Pistol
BND	Bonded	KSPB	Keith Style Piston Bullet	SPT	Spitzer
BDD	Banded	LFNGC	Long Flat Nose Gas Check	SST	Super Shock Tipped
BS	Ballistic Siver Tip	LFNPB	Long Flat Nose Plane Base	SWC	Semi Wadcutter
B-TIP	Ballistic Tip	(L)	Lead	TC	Truncated Cone
BTSP	Boat Tail Spire Point	LTB	Length Tolerant Bullet	TCBB	Truncated Cone Beveled Base
DBB	Double Bevel Base	(M)	Moly Coated	TSX	Triple Shock
CT	Combined Technologies	MK	Match King	VAR	Varminator
DEWC	Double End Wadcutter	NTP	Narrow Taper Point	VG	Varmint Grenade
FB	Flat Base	MRX	Maximum Range X Bullet	WBFPGC	Wide Base Flat Point Gas Check
FMC	Full Metal Case	PART	Partition	WC	Wadcutter
FMJ	Full Metal Jacket	PLF	Plated Lead Free	WFNGC	Wide Flat Nose Gas Check
FN	Flat Nose	PRO-H	Pro-Hunter	WFNPB	Wide Flat Nose Plane Base
FP	Flat Point	RHFP	Reduced Hazard Flat Point	WFPGC	Wide Flat Point Gas Check
FPJ	Full Profile Jacket	RN	Round Nose	WLCPP	Weldcore Protected Point
FS	Fail Safe	RNFP	Round Nose Flat Point	WLNGC	Wide Long Nose Gas Check
GC	Gas Check	RNSWC	Round Nose Semi Wadcutter	WNFPGC	Wide Nose Flat Point Gas Check
GK	Game King	RS	Radiused Shoulder	WNGC	Wide Nose Gas Check
HB	Hollow Base	SBT	Spitzer Boat Tail	WTP	Wide Taper Point
HP	Hollow Point	SGG	Single Grease Groove	X	X Bullet
HPBT	Hollow Point Boat Tail	SLD	Solid	XBT	X Boat Tail
HSP	Hollow Soft Point	SMP	Semi Point	XFB	X Flat Base
INTK	Interlock	SP	Spire Point	XPB	X Pistol Bullet
JHC	Jacketed Hollow Cavity	SPH	Soft Point Hornet	XTP	Extreme Terminal Performance

Western Powders would like to thank the following companies for their continued support in our efforts to provide this information:

- Barnes Bullets, Inc.
- Berger Bullets
- Berry's Manufacturing
- Cast Performance Bullet Company
- Claybuster Wads
- Federal Cartridge
- Hornady
- Montana Cast Bullets
- Montana Gold
- Nosler
- Oregon Trail Bullet Company
- Rainier Bullets
- Remington
- Sierra Bullets
- Swift Bullets
- Winchester
- Woodleigh Bullets

SPECIAL NOTE ON CARTRIDGE OVERALL LENGTH "COL"

It is important to note that the SAAMI "COL" values are for the firearms and ammunition manufacturers industry and must be seen as a guideline only.

The individual reloader is free to adjust this dimension to suit their particular firearm-component-weapon combination. This parameter is determined by various dimensions such as 1) magazine length (space), 2) freebore-lead dimensions of the barrel, 3) ogive or profile of the projectile and 4) position of cannellure or crimp groove.

- Always begin loading at the minimum "Start Load".
- Increase in 2% increments towards the Maximum Load.
- Watch for signs of excessive pressure.
- Never exceed the Maximum Load.

ACCURATE POWDERS



HANDGUN

HANDGUN

5.7x28 FN

Barrel: 5" ■ Twist: 1-9" ■ Primer: WIN WSR or WSP ■ Bullet Diameter .224"

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
No.5	35	HDY	V-MAX FB	6.0	1,955	6.7	2,100	45,500	1.491
No.5	40	SIE	SPH	5.8	1,850	6.5	1,975	45,200	1.456
No.5	45	SIE	SPH	5.7	1,740	6.4	1,875	45,400	1.490
No.7	35	HDY	V-MAX FB	7.4	2,041	8.2	2,197	45,200	1.491
No.7	40	SIE	SPH	7.0	1,896	7.7	2,044	45,100	1.456
No.7	45	SIE	SPH	6.7	1,782	7.4	1,913	45,400	1.490

Longer Boat Tail Bullets

No.5	40	HDY	V-MAX	5.1	1,657	5.7	1,875	48,000	1.580
No.5	45	HDY	V-MAX	5.0	1,558	5.6	1,746	47,800	1.580
No.7	40	HDY	V-MAX	6.1	1,679	6.8	1,880	48,200	1.580
No.7	45	HDY	V-MAX	5.9	1,568	6.5	1,782	48,300	1.580

Special notes on the 5.7x28FN

- 1) Extremely sensitive caliber. Adhere closely to indicated loads and COL guidelines
- 2) Begin at the MINIMUM start load and increase only in increments of 0.1 grain
- 3) Use of Small Pistol primers will result in slightly lower performance.
- 4) Velocities with the 10" barrel will be approximately 18% higher.

32 Auto (ACP)

Barrel: 4" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .312"

No.2	71	SIE	FMJ	2.0	572	2.2	650	19,300	0.955
No.2	85	HDY	XTP	1.6	612	1.8	695	18,800	0.940
No.5	71	SIE	FMJ	2.9	619	3.2	703	19,700	0.955
No.5	85	HDY	XTP	2.2	615	2.4	699	19,100	0.940

327 Federal Magnum

Barrel: 5" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .312"

No.5	71	SIE	FMJ	8.7	1,616	9.7	1,796	41,800	1.486
No.5	85	HDY	XTP	7.7	1,448	8.5	1,609	43,460	1.443
No.5	90	SIE	JHC	7.4	1,380	8.2	1,533	42,200	1.500
No.5	100	HDY	HP XTP	7.1	1,318	7.9	1,464	43,690	1.500
No.7	71	SIE	FMJ	10.4	1,658	11.5	1,842	42,980	1.486
No.7	85	HDY	XTP	9.4	1,503	10.4	1,670	44,020	1.443
No.7	90	SIE	JHC	9.0	1,431	10.0	1,590	41,320	1.500
No.7	100	HDY	HP XTP	8.5	1,355	9.4	1,505	43,080	1.440
No.9	90	SIE	JHC	13.5	1,559	15.0	1,732	41,570	1.500
No.9	100	HDY	HP XTP	11.7	1,417	13.0	1,574	36,950	1.440

Lead Bullets

No.5	78	LC	RN	8.4	1,585	9.3	1,761	43,510	1.454
No.5	90	HDY	SWC	7.4	1,400	8.2	1,555	43,480	1.487
No.5	115	LC	FP	6.6	1,209	7.3	1,343	44,140	1.500
No.7	78	LC	RN	10.1	1,616	11.2	1,796	41,040	1.454
No.7	90	HDY	SWC	9.0	1,445	10.0	1,605	44,160	1.487
No.7	115	LC	FP	7.9	1,276	8.8	1,418	44,570	1.500
No.9	90	HDY	SWC	13.1	1,544	14.5	1,715	37,210	1.487
No.9	115	LC	FP	10.8	1,355	12.0	1,506	38,760	1.500

380 Auto (ACP)

Barrel: 3.75" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .355"

No.2	90	HDY	XTP	3.3	818	3.7	930	17,000	0.960
No.2	95	SIE	FMJ	3.3	822	3.7	934	14,600	0.945
No.5	90	HDY	XTP	4.3	810	4.8	920	16,700	0.960
No.5	95	SIE	FMJ	4.3	784	4.8	891	14,000	0.945

Barnes XPB Bullets

No. 2	80	BAR	XPB	2.6	807	2.9	897	20,910	0.970
No. 5	80	BAR	XPB	3.6	807	4.0	897	20,130	0.970

9mm Luger

Barrel: 4" ■ Twist: 1-10" ■ Primer: WIN WSP ■ Bullet Diameter .355"

No.2	115	NOS	JHP	4.7	1,038	5.2	1,145	29,900	1.095
No.2	125	SIE	FMJ	4.2	930	4.7	1,057	29,500	1.095
No.2	147	HDY	XTP	3.6	781	4.0	888	29,200	1.095
No.5	115	SIE	JHP	6.3	1,049	7.0	1,192	31,400	1.095
No.5	125	SIE	JHP	5.8	1,069	6.4	1,200	33,000	1.095
No.5	147	HDY	XTP	4.8	872	5.3	991	30,900	1.095
No.7	115	NOS	FMJ	7.9	1,052	8.8	1,196	29,700	1.095
No.7	124	HDY	FMJ	7.2	1,026	8.0	1,166	29,800	1.095
No.7	147	HDY	XTP	6.5	921	7.2	1,047	31,900	1.095

Lead Bullets

No.2	115	LC	RN	4.6	1,008	5.2	1,146	32,900	1.100
No.2	124	LC	RN	4.0	895	4.6	1,017	31,100	1.095
No.2	145	MCB	SWC BB	3.9	845	4.3	956	31,000	1.140
No.5	115	LC	RN	5.7	1,040	6.3	1,182	33,000	1.100
No.5	124	LC	RN	5.4	1,018	6.0	1,157	33,000	1.095
No.5	145	LC	RN	4.6	866	5.1	984	26,800	1.140
No.7	115	LC	RN	7.8	1,078	8.7	1,225	33,000	1.100
No.7	124	LC	RN	7.4	1,030	8.2	1,170	33,000	1.095
No.7	145	MCB	RN BB	6.5	926	7.2	1,052	29,500	1.140

Barnes XPB Bullets

No.2	115	BAR	XPB	4.1	905	4.6	1,005	33,330	1.160
No.5	115	BAR	XPB	5.0	959	5.5	1,065	33,880	1.160

Frangible Bullets

No. 2	90	SF	RHFP	4.3	1,080	4.8	1,200	34,620	1.120
No. 2	100	SF	RHFP	4.0	978	4.4	1,087	34,270	1.120
No. 5	90	SF	RHFP	5.6	1,101	6.2	1,223	33,540	1.120
No. 5	100	SF	RHFP	5.2	1,031	5.8	1,145	34,600	1.120

357 SIG

Barrel: 4" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .355"

No.2	115	NOS	JHP	5.7	1,122	6.4	1,276	38,600	1.140
No.2	125	SIE	FMJ	5.4	1,066	6.0	1,212	38,900	1.140
No.2	147	HDY	XTP	4.7	933	5.3	1,061	39,800	1.140
No.5	115	NOS	JHP	8.4	1,191	9.4	1,354	37,900	1.140
No.5	125	SIE	FMJ	8.3	1,166	9.2	1,325	39,600	1.140
No.5	147	HDY	XTP	7.1	1,019	7.9	1,159	38,400	1.140
No.7	115	SIE	JHP	10.2	1,218	11.3	1,385	39,100	1.140
No.7	124	HDY	FMJ FP	10.0	1,161	11.0	1,320	37,100	1.140
No.7	147	HDY	XTP	8.3	1,020	9.2	1,160	38,600	1.140
No.9	115	NOS	JHP	12.1	1,261	13.5	1,434	36,900	1.140
No.9	125	SIE	FMJ	11.7	1,220	13.0	1,387	39,100	1.140
No.9	147	HDY	XTP	9.4	1,018	10.5	1,158	34,400	1.140

Lead Bullets

No.2	115	LC	RN	5.6	1,099	6.2	1,249	38,200	1.140
No.2	122	MCB	FN	5.2	1,070	5.8	1,217	38,100	1.140
No.2	147	MCB	RN BB	4.2	923	4.7	1,049	36,800	1.140
No.5	115	LC	RN	8.1	1,160	9.0	1,319	38,500	1.140
No.5	122	LC	FP	7.9	1,144	8.8	1,300	37,100	1.140
No.5	147	LC	FP	6.7	1,029	7.5	1,170	36,900	1.140
No.7	115	LC	RN	9.9	1,182	11.0	1,344	37,800	1.140
No.7	124	LC	RN	9.6	1,162	10.7	1,321	37,900	1.140
No.7	145	LC	RN	8.6	1,071	9.6	1,218	40,000	1.140
No.9	115	LC	RN	12.1	1,258	13.5	1,430	39,000	1.140
No.9	122	MCB	RN BB	11.7	1,217	13.0	1,383	36,100	1.140
No.9	145	LC	RN	9.4	1,029	10.5	1,170	33,000	1.140

Barnes XPB Bullets

No. 5	125	BAR	XPB	6.6	1,069	7.3	1,188	41,097	1.140
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Frangible Bullets

No. 2	100	SF	RHFP	6.1	1,245	6.8	1,383	42,110	1.130
No. 5	100	SF	RHFP	8.2	1,351	9.1	1,501	44,130	1.130

CAUTION!

Reducing the overall cartridge length by seating the bullet deeper in the case may dramatically increase the pressure on some handgun cases. Always use caution when changing bullet seating depth.

ACCURATE POWDERS



HANDGUN

HANDGUN

38 Super

Barrel: 5" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .355"

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
No. 5	115	SIE	FMJ	7.6	1,225	8.4	1,361	35,520	1.240
No. 5	124	HDY	FMJ CT	7.3	1,174	8.1	1,304	35,980	1.270
No. 5	147	SPR	TMJ FP	6.6	1,072	7.3	1,191	35,550	1.270
No. 7	115	SIE	FMJ	9.7	1,324	10.8	1,471	36,300	1.240
No. 7	124	HDY	FMJ CT	9.0	1,249	10.0	1,388	35,920	1.270
No. 7	147	SPR	TMJ FP	8.1	1,114	9.0	1,238	35,800	1.270

Lead Bullets

No. 5	115	LC	RN	7.6	1,296	8.4	1,440	35,520	1.240
No. 5	124	LC	RN	7.2	1,230	8.0	1,367	35,900	1.270
No. 5	145	LC	RN	6.4	1,099	7.1	1,221	35,570	1.270
No. 7	115	LC	RN	9.9	1,367	11.0	1,519	35,710	1.240
No. 7	124	LC	RN	9.1	1,283	10.1	1,425	36,230	1.270
No. 7	145	LC	RN	8.3	1,170	9.2	1,300	36,110	1.270

Frangible Bullets

No. 2	90	SF	RHFP	6.1	1,305	6.8	1,450	35,870	1.260
No. 2	100	SF	RHFP	5.6	1,204	6.2	1,338	36,110	1.260
No. 5	90	SF	RHFP	7.7	1,379	8.5	1,532	36,140	1.260
No. 5	100	SF	RHFP	7.2	1,287	8.0	1,430	36,000	1.260

38 Special

Barrel: 7.75" ■ Twist: 1-18.75" ■ Primer: WIN WSP ■ Bullet Diameter .357"

No. 2	110	SIE	JHC	5.0	953	5.6	1,083	16,800	1.435
No. 2	125	HDY	XTP	4.8	871	5.3	990	16,780	1.445
No. 2	140	SIE	JHP	4.2	781	4.7	888	16,700	1.445
No. 2	150	NOS	JHP	4.2	751	4.7	853	17,000	1.450
No. 2	158	HDY	XTP	3.6	665	4.0	756	16,500	1.445
No. 5	110	SIE	JHC	6.6	959	7.3	1,090	16,600	1.435
No. 5	125	HDY	XTP	6.1	757	6.8	860	16,300	1.445
No. 5	140	SIE	JHP	5.8	757	6.4	860	16,700	1.445
No. 5	150	NOS	JHP	5.9	715	6.5	813	16,600	1.450
No. 5	158	HDY	XTP	5.2	740	5.8	841	16,500	1.445
No. 5	158	RAN	RN	5.1	829	5.7	943	16,900	1.430

Lead Bullets

No. 2	148	LC	WC DBB	2.6	634	2.9	720	15,500	1.152
No. 2	158	MCB	SWC BB	3.6	764	4.0	868	14,100	1.481
No. 5	148	LC	WC DBB	3.6	710	4.0	807	16,200	1.152
No. 5	158	MCB	SWC BB	5.3	827	5.9	940	16,100	1.481

Frangible Bullets

No. 2	125	SF	RHFP	3.4	552	3.8	613	16,155	1.500
No. 5	125	SF	RHFP	5.4	785	6.0	872	16,925	1.500

38 Special +P

Barnes XPB Bullets

No. 2	110	BAR	XPB	4.1	905	4.6	1,005	18,065	1.515
Solo 1250	110	BAR	XPB	4.5	967	5.0	1,074	17,905	1.515
No. 5	110	BAR	XPB	5.9	1,026	6.6	1,140	17,905	1.515
No. 7	110	BAR	XPB	7.3	1,049	8.1	1,165	18,135	1.515

Frangible Bullets

No. 2	125	SF	RHFP	3.6	625	4.0	694	17,845	1.500
No. 5	125	SF	RHFP	5.7	852	6.3	947	18,295	1.500

357 Magnum

Barrel: 6" ■ Twist: 1-18.75" ■ Primer: WIN WSPM ■ Bullet Diameter .357"

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
No. 5	110	SIE	JHC	9.9	1,355	11.0	1,540	32,448	1.575
No. 5	125	HDY	XTP	9.6	1,273	10.6	1,446	33,384	1.575
No. 5	140	SIE	JHP	9.1	1,202	10.1	1,366	33,696	1.575
No. 5	158	HDY	XTP	8.6	1,097	9.7	1,256	33,150	1.590
No. 7	110	SIE	JHC	11.6	1,362	12.9	1,548	32,526	1.575
No. 7	125	HDY	XTP	10.9	1,278	12.1	1,453	33,306	1.575
No. 7	140	SIE	JHP	10.1	1,178	11.2	1,339	34,008	1.575
No. 7	158	NOS	JHP	9.5	1,196	10.5	1,360	34,242	1.580
No. 7	170	SIE	FMJ	8.7	1,010	9.7	1,147	34,788	1.565
No. 9	110	HDY	XTP	15.3	1,478	16.9	1,677	34,086	1.575
No. 9	125	NOS	JHP	14.1	1,378	15.6	1,567	35,178	1.575
No. 9	140	SIE	JHP	12.8	1,252	14.2	1,422	33,618	1.575
No. 9	150	NOS	SP	12.6	1,227	14.0	1,394	33,540	1.590
No. 9	158	HDY	XTP	12.4	1,202	13.8	1,367	35,022	1.580
No. 9	170	SIE	FMJ	11.2	1,092	12.4	1,241	35,100	1.565
No. 9	180	HDY	XTP	10.8	1,059	12.0	1,202	33,540	1.575
4100	125	HDY	HP XTP	16.1	1,485	17.9	1,650	32,081	1.580
4100	140	SIE	JHC	14.3	1,298	15.9	1,442	33,687	1.580
4100	158	HDY	HP XTP	12.5	1,176	13.9	1,307	33,490	1.590

Lead Bullets

No. 7	147	MCB	FP BB	9.5	1,085	10.5	1,234	34,320	1.580
No. 7	158	LC	SWC	9.1	1,041	10.1	1,183	33,228	1.580
No. 7	180	LC	FP	8.3	938	9.2	1,067	33,852	1.675
No. 9	147	MCB	FP BB	11.9	1,151	13.2	1,308	32,838	1.580
No. 9	158	LC	SWC	11.2	1,104	12.4	1,255	32,214	1.580
No. 9	180	CP	WFNGC	10.4	1,008	11.6	1,145	31,356	1.675

Barnes XPB Bullets

No. 5	125	BAR	XPB	7.5	1,166	8.3	1,295	34,000	1.585
No. 5	140	BAR	XPB	6.9	1,032	7.7	1,147	33,600	1.590
No. 7	125	BAR	XPB	9.0	1,220	10.0	1,355	34,000	1.585
No. 7	140	BAR	XPB	8.6	1,060	9.5	1,178	34,500	1.590
No. 9	125	BAR	XPB	12.6	1,399	14.0	1,554	33,300	1.585
No. 9	140	BAR	XPB	11.3	1,204	12.5	1,338	33,700	1.590
4100	125	BAR	XPB	14.7	1,372	16.4	1,525	33,983	1.585
4100	140	BAR	XPB	13.0	1,199	14.4	1,333	33,490	1.590



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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
40 S&W									
Barrel: 4" ■ Twist: 1-16" ■ Primer: WIN WSP ■ Bullet Diameter .400"									
No.2	135	NOS	JHP	6.8	1,097	7.6	1,247	34,700	1.125
No.2	150	SIE	JHP	6.3	1,016	7.0	1,155	34,200	1.120
No.2	155	BRY	RS	5.6	968	6.2	1,100	35,000	1.125
No.2	165	SIE	JHP	5.6	916	6.2	1,041	35,000	1.125
No.2	180	HDY	XTP	5.0	851	5.6	967	35,000	1.135
No.2	180	RAN	HP	4.3	794	4.8	903	33,400	1.125
No.5	135	SIE	JHP	8.4	1,114	9.3	1,266	34,900	1.125
No.5	150	NOS	JHP	7.5	1,030	8.3	1,170	35,000	1.120
No.5	155	RAN	FP	6.9	963	7.7	1,095	32,100	1.125
No.5	165	SIE	JHP	6.5	911	7.2	1,035	34,000	1.125
No.5	180	HDY	XTP	5.9	849	6.6	965	32,500	1.135
No.5	180	BRY	HP	5.8	849	6.5	965	33,600	1.125
No.5	190	SIE	FPJ	6.0	828	6.7	950	35,000	1.125
No.7	135	NOS	JHP	10.1	1,089	11.2	1,237	33,900	1.125
No.7	150	NOS	JHP	9.2	1,000	10.2	1,136	34,300	1.120
No.7	155	RAN	FP	9.3	998	10.3	1,135	34,300	1.125
No.7	165	SIE	JHP	8.4	923	9.3	1,049	34,400	1.125
No.7	180	HDY	XTP	7.7	861	8.5	978	34,600	1.135
No.7	190	SIE	FPJ	7.7	848	8.6	964	34,300	1.125
No.7	200	HDY	XTP	6.7	748	7.4	850	35,000	1.130
No.9	180	HDY	XTP	9.9	897	11.0	1,019	35,000	1.135
No.9	190	SIE	FPJ	9.9	877	11.0	997	32,700	1.125
No.9	200	HDY	XTP	8.3	759	9.2	863	35,000	1.130

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
10mm Auto									
Barrel: 5" ■ Twist: 1-16" ■ Primer: WIN WLP ■ Bullet Diameter .400"									
No.5	135	SIE	JHP	10.3	1,323	11.4	1,503	36,900	1.250
No.5	150	NOS	JHP	9.5	1,229	10.6	1,397	36,900	1.245
No.5	155	HDY	JHP	9.0	1,174	10.0	1,334	35,300	1.250
No.5	155	RAN	FP	8.9	1,151	9.9	1,309	34,300	1.260
No.5	165	SIE	HP	8.7	1,122	9.7	1,275	36,200	1.250
No.5	180	HDY	XTP	7.8	1,053	8.7	1,191	36,800	1.250
No.7	135	NOS	JHP	12.2	1,299	13.6	1,476	34,900	1.250
No.7	150	SIE	JHP	11.7	1,236	13.0	1,405	36,400	1.245
No.7	155	HDY	JHP	11.4	1,214	12.7	1,379	37,500	1.250
No.7	165	SIE	JHP	10.8	1,148	12.0	1,305	37,500	1.250
No.7	180	HDY	XTP	9.6	1,041	10.7	1,183	35,300	1.250
No.7	180	RAN	HP	9.9	1,051	11.0	1,195	36,200	1.260
No.7	190	SIE	FPJ	10.1	1,054	11.2	1,198	36,000	1.250
No.7	200	HDY	XTP	8.8	960	9.8	1,091	36,500	1.250
No.9	155	HDY	JHP	14.3	1,244	15.9	1,414	32,700	1.250
No.9	165	SIE	JHP	13.5	1,180	15.0	1,341	34,100	1.250
No.9	180	HDY	XTP	12.2	1,093	13.5	1,242	34,100	1.250
No.9	180	RAN	HP	12.1	1,086	13.5	1,235	35,500	1.260
No.9	190	SIE	FPJ	12.8	1,115	14.2	1,267	35,800	1.250
No.9	200	HDY	XTP	11.3	1,030	12.5	1,170	37,000	1.250

Lead Bullets									
No.5	140	LC	TC	8.7	1,190	9.7	1,352	33,400	1.250
No.5	170	LC	SWC	7.8	1,085	8.7	1,233	31,800	1.250
No.5	175	MCB	SWC BB	7.5	1,026	8.3	1,166	31,500	1.245
No.7	140	LC	TC	10.8	1,203	12.0	1,367	33,700	1.250
No.7	170	LC	SWC	9.9	1,120	11.0	1,273	35,500	1.250
No.7	175	MCB	SWC BB	9.4	1,055	10.4	1,199	35,200	1.245
No.7	185	LC	RN SWC	9.2	1,032	10.2	1,173	34,500	1.245
No.7	195	MCB	TC BB	8.6	998	9.5	1,134	35,400	1.245
No.9	170	LC	SWC	12.2	1,131	13.6	1,285	34,900	1.245
No.9	185	LC	RN SWC	11.7	1,098	13.0	1,248	34,700	1.245
No.9	200	LC	TC	10.6	1,018	11.8	1,157	36,200	1.250

41 Remington Magnum									
Barrel: 10" ■ Twist: 1-18.75" ■ Primer: FED 155 ■ Bullet Diameter .410"									
No.5	170	SIE	JHP	10.2	1,248	11.3	1,418	33,352	1.565
No.5	210	HDY	XTP	9.8	1,105	10.8	1,256	34,496	1.570
No.5	220	RAN	FP	9.7	1,129	10.8	1,283	35,112	1.590
No.7	170	SIE	JHP	13.2	1,300	14.6	1,477	32,560	1.565
No.7	210	HDY	XTP	12.0	1,153	13.3	1,310	34,672	1.570
No.7	220	RAN	FP	12.1	1,174	13.4	1,335	33,704	1.590
No.9	170	SIE	JHP	16.6	1,425	18.5	1,620	34,056	1.565
No.9	210	HDY	XTP	15.2	1,271	16.9	1,445	35,200	1.570
No.9	220	RAN	FP	14.7	1,240	16.3	1,409	34,144	1.590
4100	210	NOS	JHP	18.9	1,477	21.1	1,641	35,263	1.581
5744	210	NOS	JHP	20.7	1,321	23.0	1,468	35,440	1.581

Lead Bullets									
No.5	200	MCB	SWC BB	10.6	1,201	11.8	1,364	32,296	1.675
No.5	240	CP	RN	10.2	1,134	11.3	1,289	35,112	1.710
No.7	200	MCB	SWC BB	12.3	1,206	13.6	1,370	32,472	1.675
No.7	240	CP	RN	11.8	1,137	13.2	1,292	33,264	1.710
No.9	200	MCB	SWC BB	15.2	1,322	16.9	1,503	33,968	1.675
No.9	265	CP	WFNGC	13.5	1,218	15.0	1,354	34,760	1.710
4100	250	CP	WFNPB	18.1	1,365	20.2	1,517	34,130	1.674
4100	255	CP	WFNGC	17.8	1,353	19.8	1,503	35,421	1.662
4100	265	CP	WFNGC	17.1	1,306	19.0	1,451	34,810	1.710
5744	265	TS	WNFPGC	17.8	1,166	19.8	1,295	34,840	1.700
Barnes XPB Bullets									
No. 7	180	BAR	XPB	11.4	1,260	12.7	1,400	35,260	1.590
No. 9	180	BAR	XPB	15.8	1,369	17.6	1,521	35,680	1.590



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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
44 Special									
Barrel: 8.150" ■ Twist: 1-20" ■ Primer: REM 2 ½ ■ Bullet Diameter .429"									
No.2	180	HDY	JHP	5.3	802	5.9	911	13,890	1.485
No.2	200	NOS	JHP	4.9	708	5.4	805	13,900	1.490
No.2	240	SIE	JHC	4.1	532	4.5	604	13,900	1.485
No.5	180	HDY	JHP	7.8	878	8.7	1,000	14,000	1.485
No.5	200	NOS	JHP	7.2	766	8.0	871	13,000	1.490
No.5	240	SIE	JHC	5.8	640	6.5	730	14,000	1.485
No.7	180	HDY	JHP	9.9	880	10.5	1,000	14,000	1.485
No.7	200	NOS	JHP	9.0	825	10.0	938	13,800	1.490
No.7	240	SIE	JHC	7.2	689	8.0	745	14,000	1.485
Lead Bullets									
No.2	220	MCB	RN FP	4.8	790	5.3	900	13,980	1.535
No.2	240	LC	RN FP	4.2	721	4.7	819	13,975	1.600
No.5	220	MCB	RN FP	7.0	844	7.8	959	14,000	1.535
No.5	240	LC	RN FP	6.1	757	6.8	860	14,000	1.600
No.7	220	MCB	RN FP	8.6	839	9.5	953	14,000	1.535
No.7	240	LC	SWC	7.8	792	8.7	900	14,000	1.600
Barnes XPB Bullets									
No. 2	200	BAR	XPB	5.2	796	5.8	884	15,430	1.610
Solo 1250	200	BAR	XPB	6.0	847	6.7	941	15,340	1.610
No. 5	200	BAR	XPB	7.7	854	8.5	949	15,080	1.610

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
44 Remington Magnum									
Barrel: 8.275" ■ Twist: 1-20" ■ Primer: WIN WLP ■ Bullet Dia.: .429"									
No.7	180	SIE	JHP	17.2	1,382	19.1	1,570	34,800	1.560
No.7	200	NOS	JHP	15.6	1,245	17.4	1,415	32,625	1.595
No.7	240	HDY	XTP	14.5	1,145	16.1	1,302	34,800	1.560
No.7	240	RAN	FP	14.0	1,163	15.6	1,322	32,451	1.575
No.7	250	NOS	PART	14.2	1,076	15.8	1,224	32,799	1.600
No.7	300	SIE	JSP	13.6	988	15.1	1,123	34,800	1.735
No.7	300	HDY	XTP	12.2	963	13.5	1,095	33,060	1.595
No.9	200	NOS	JHP	20.9	1,357	23.3	1,542	32,886	1.595
No.9	240	SIE	JHC	17.8	1,214	19.8	1,380	34,800	1.560
No.9	240	RAN	FP	16.7	1,220	18.6	1,386	34,800	1.575
No.9	250	SIE	FPJ	17.6	1,173	19.5	1,333	34,104	1.600
No.9	300	SIE	JSP	15.9	1,018	17.7	1,156	34,800	1.735
No.9	300	HDY	XTP	14.8	1,031	16.5	1,172	33,338	1.595
4100	180	SIE	JHC	24.3	1,683	26.8	1,851	32,022	1.581
4100	240	NOS	JSP	19.8	1,368	21.8	1,505	35,066	1.590
4100	300	HDY	HP XTP	16.2	1,170	17.9	1,287	34,968	1.580
5744	240	HDY	XTP	21.6	1,243	24.0	1,413	35,000	1.580
5744	300	HDY	XTP	18.0	1,048	20.0	1,191	31,400	1.595
Lead Bullets									
No.7	200	LC	RN FP	15.3	1,229	17.0	1,397	34,800	1.560
No.7	240	MCB	SWC	14.7	1,180	16.3	1,341	34,539	1.560
No.9	220	MCB	RN FP	19.7	1,340	21.9	1,523	34,800	1.560
No.9	240	LC	SWC	18.1	1,255	20.2	1,426	34,452	1.560
No.9	275	CP	WFNPB	15.9	1,106	17.7	1,242	34,800	1.695
No.9	300	LC	TC	15.4	1,081	17.2	1,214	34,800	1.720
No.9	320	CP	WFNGC	14.6	1,070	16.3	1,216	34,626	1.665
4100	200	MCB	RN FP	22.6	1,500	24.9	1,650	25,649	1.565
4100	255	CP	WFNGC	18.5	1,285	20.5	1,414	25,718	1.610
4100	300	CP	WFNGC	16.7	1,225	18.4	1,347	32,259	1.590
4100	310	OT	WN FP	16.5	1,171	18.2	1,288	27,787	1.635
4100	320	CP	WLNGC	16.4	1,179	18.1	1,297	31,796	1.695
5744	240	LC	SWC	21.6	1,272	24.0	1,446	34,500	1.560
5744	320	CP	WFNGC	16.2	952	18.0	1,082	27,800	1.665
Barnes XPB Bullets									
No. 9	200	BAR	XPB	18.9	1,382	21.0	1,535	35,522	1.591
No. 9	225	BAR	XPB	16.2	1,184	18.0	1,315	35,562	1.604
4100	200	BAR	XPB	20.1	1,414	22.3	1,571	32,221	2.289
4100	225	BAR	XPB	17.9	1,262	19.9	1,402	35,192	2.289

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
45 GAP									
Barrel: 5" ■ Twist: 1-16" ■ Primer: WSP ■ Bullet diameter .451 to .452									
No. 2	185	SIE	JHP	4.6	812	5.1	902	21,650	1.063
No. 2	200	HDY	HP XTP	4.3	779	4.8	866	21,170	1.070
No. 5	185	SIE	JHP	6.9	886	7.7	984	20,930	1.063
No. 5	200	HDY	HP/XTP	6.4	833	7.1	925	22,200	1.070
Lead Bullets									
No. 2	155	LC	SWC	5.0	954	5.5	1,060	21,440	1.085
No. 2	180	LC	SWC	4.1	811	4.6	901	18,560	1.100
No. 5	155	LC	SWC	7.0	979	7.8	1,088	21,010	1.085
No. 5	180	LC	SWC	6.3	855	7.0	950	19,910	1.100
Barnes XPB Bullets									
No. 2	160	BAR	XPB	4.1	822	4.6	913	20,900	1.100
No. 5	160	BAR	XPB	5.7	839	6.3	932	20,970	1.100
No. 7	160	BAR	XPB	7.4	860	8.2	956	21,110	1.100

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
45 Auto (ACP)									
Barrel: 5" ■ Twist: 1-16" ■ Primer: FED 150 ■ Bullet Dia.: .451"									
S1000	185	SIE	JHC	5.5	862	6.1	980	19,400	1.210
S1000	200	HDY	XTP	5.2	804	5.8	914	18,800	1.225
S1000	230	NOS	FMJ	4.9	746	5.5	848	18,900	1.250
No.2	185	NOS	JHP	5.7	948	6.7	1,106	20,750	1.210
No.2	200	HDY	XTP	5.1	855	5.8	970	19,900	1.225
No.2	230	SIE	FMJ	4.6	769	5.4	881	20,800	1.250
No.5	185	HDY	XTP	9.2	970	10.2	1,102	19,900	1.210
No.5	200	SIE	FPJ	8.7	924	9.7	1,050	20,600	1.225
No.5	230	NOS	FMJ	7.8	816	8.7	927	19,300	1.250
No.7	185	SIE	JHP	11.7	962	13.0	1,093	18,000	1.210
No.7	200	HDY	XTP	10.8	912	12.0	1,036	19,200	1.225
Lead Bullets									
S1000	155	LC	SWC	5.9	1,029	6.5	1,170	19,100	1.240
S1000	170	MCB	SWC	5.3	931	5.9	1,059	17,800	1.130
S1000	200	LC	SWC	4.8	838	5.3	952	18,300	1.190
S1000	230	LC	RN	4.6	790	5.1	898	18,300	1.230
No.2	155	LC	SWC	6.8	1,060	7.5	1,204	20,600	1.240
No.2	170	MCB	SWC	5.9	950	6.5	1,079	19,400	1.130
No.2	200	LC	SWC	5.2	826	5.8	939	17,400	1.190
No.2	230	LC	RN	5.0	766	5.6	870	17,200	1.230
No.5	155	LC	SWC	9.0	1,046	10.0	1,189	18,500	1.240
No.5	170	MCB	SWC	8.1	945	9.0	1,074	17,800	1.130
No.5	200	LC	SWC	7.8	902	8.7	1,025	19,400	1.190
No.5	230	MCB	RN BB	7.7	852	8.5	968	19,800	1.230
No.7	155	LC	SWC	12.0	1,076	13.3	1,223	20,200	1.240
No.7	170	MCB	SWC	11.3	1,031	12.5	1,172	20,800	1.130
No.7	200	LC	RN	10.4	899	11.5	1,022	18,700	1.190
No.7	230	LC	RN	9.9	862	11.0	979	19,400	1.230
Barnes XPB Bullets									
No. 2	185	BAR	XPB	4.5	770	5.0	856	20,265	1.235
No. 5	185	BAR	XPB	6.5	813	7.2	903	20,375	1.235
No. 7	185	BAR	XPB	8.1	827	9.0	919	20,155	1.235
Frangible bullets									
No. 2	140	SF	RHFP	5.2	978	5.8	1,087	20,480	1.210
No. 2	155	SF	RHFP	4.6	882	5.1	980	20,420	1.210
No. 5	140	SF	RHFP	8.7	1,044	9.7	1,160	20,350	1.210
No. 5	155	SF	RHFP	7.3	923	8.1	1,025	19,430	1.210

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
45 Colt									
Barrel: 7.26" ■ Twist: 1-16" ■ Primer: REM 2 ½ ■ Bullet Dia.: .452"									
No.5	185	SIE	JHP	10.8	946	12.0	1,075	12,200	1.575
No.5	200	HDY	XTP	10.4	908	11.5	1,032	13,400	1.595
No.5	230	HDY	XTP	9.9	853	11.0	969	14,000	1.595
No.5	240	SIE	JHP	9.5	854	10.5	970	14,000	1.590
No.5	250	HDY	XTP	9.9	704	11.0	800	14,000	1.570
No.5	250	RAN	FP	9.4	765	10.4	870	12,900	1.585
Lead Bullets									
No.5	210	MCB	RN BB	10.9	904	12.1	1,027	12,500	1.620
No.5	225								

ACCURATE POWDERS



HANDGUN

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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
45 Colt Ruger & T/C Contender Only									
Barrel: 7.26" ■ Twist: 1-16" ■ Primer: WIN WLP ■ Bullet Dia.: .452"									
No.7	240	SIE	JHC	14.0	1,010	15.5	1,148	20,400	1.570
No.7	250	NOS	JHP	13.7	971	15.2	1,103	19,600	1.585
No.9	250	RAN	FP	16.2	1,008	18.0	1,146	20,000	1.585
No.9	300	HDY	XTP	13.5	710	15.0	807	19,500	1.580
Lead Bullets									
No.7	210	MCB	RN BB	14.9	1,104	16.6	1,254	20,900	1.550
No.7	225	MCB	TC BB	14.8	1,087	16.4	1,235	21,000	1.575
No.7	255	LC	SWC	13.6	1,010	15.1	1,148	19,700	1.600
No.9	255	LC	SWC	15.8	1,038	17.6	1,180	20,100	1.600
No.9	265	CP	WFNGC	15.8	998	17.5	1,134	19,300	1.650
No.9	300	LC	FP	13.5	798	15.0	907	17,600	1.585
Barnes XPB Bullets									
No.7	225	BAR	XPB	14.6	1,161	16.2	1,290	27,657	1.588
No.9	225	BAR	XPB	18.0	1,226	20.0	1,362	28,287	1.588

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
454 Casull									
Barrel: 7.5" ■ Twist: 1-24" ■ Primer:CCI 400 ■ Bullet Dia.: .452"									
No.9	250	HDY	XTP	25.2	1,558	28.0	1,770	45,800	1.700
No.9	300	SIE	JSP	23.4	1,404	26.0	1,596	46,200	1.765
4100	240	SIE	JHC	28.6	1,639	31.8	1,822	42,601	1.735
4100	260	NOS	PART	26.8	1,559	29.8	1,733	52,698	1.735
4100	300	NOS	PART	25.0	1,448	27.8	1,609	50,629	1.750
5744	240	SIE	JHP	31.5	1,489	35.0	1,693	51,800	1.705
5744	250	NOS	JHP	30.6	1,518	34.0	1,726	52,600	1.700
5744	300	HDY	XTP	28.8	1,381	32.0	1,570	52,600	1.765
1680	240	SIE	JHP	32.4	1,498	36.0	1,702	42,200	1.705
1680	250	HDY	XTP	33.3	1,547	37.0	1,758	49,100	1.700
1680	300	HDY	XTP	30.2	1,403	33.5	1,594	49,600	1.765
Lead Bullets									
4100	335	CP	WLNGC	23.2	1,363	25.8	1,515	52,550	1.760
4100	370	CP	WLNGC	21.4	1,245	23.8	1,384	47,477	1.770
4100	395	CP	WLNGC	19.7	1,181	21.8	1,312	47,576	1.770
5744	250	LC	RN FP	26.1	1,347	29.0	1,531	37,100	1.750
5744	300	MCB	WP FB	24.3	1,260	27.0	1,432	45,500	1.690
1680	300	LC	FP	27.0	1,229	30.0	1,397	33,700	1.690
Barnes XPB Bullets									
No.7	250	BAR	XPB	19.6	1,517	21.8	1,686	54,850	1.780

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
460 S&W									
Barrel: 8.37" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Dia.: .452"									
Reduced Loads									
5744	240	HDY	XTP	27.0	1,230				
5744	260	NOS	PART	28.0	1,250				
5744	300	SIE	JSP	26.0	1,210				
Reduced Loads, Lead Bullets									
5744	335	CP	WLNGC	25.5	1,200				
5744	360	CP	WLNGC	26.0	1,220				
Standard Loads									
5744	240	HDY	XTP	40.0	1,836	44.0	2,035	58,200	2.188
5744	260	NOS	PART	36.0	1,685	40.0	1,880	55,000	2.192
5744	300	SIE	JSP	34.0	1,590	38.0	1,785	57,800	2.208
No.9	240	HDY	XTP	34.0	1,820	38.0	2,000	59,300	2.188
No.9	260	NOS	PART	31.5	1,740	35.0	1,895	59,000	2.192
No.9	300	SIE	JSP	30.0	1,620	34.0	1,790	61,000	2.208
4100	240	HDY	XTP	41.4	1,895	46.0	2,145	58,700	2.160
4100	260	NOS	PART	36.9	1,843	41.0	2,048	58,200	2.180
4100	300	NOS	PART	35.1	1,820	39.0	2,042	57,800	2.187
1680	240	HDY	XTP	45.0	1,713	50.0	1,985	53,300	2.188
1680	260	NOS	PART	41.5	1,628	46.0	1,860	51,500	2.192
1680	300	SIE	JSP	40.5	1,590	45.0	1,810	57,000	2.208
Lead Bullets									
5744	335	CP	WLNGC	32.0	1,500	36.5	1,710	59,600	2.181
5744	360	CP	WLNGC	31.5	1,480	35.0	1,640	59,800	2.199
No.9	335	CP	WLNGC	28.0	1,510	31.5	1,660	61,000	2.181
No.9	360	CP	WLNGC	27.0	1,450	30.0	1,580	60,438	2.199
4100	335	CP	WLNGC	31.0	1,520	34.5	1,675	60,000	2.181
4100	360	CP	WLNGC	29.7	1,450	33.0	1,595	59,100	2.199
1680	335	CP	WLNGC	38.0	1,500	42.0	1,684	59,700	2.181
1680	360	CP	WLNGC	36.0	1,400	39.5	1,600	57,500	2.199
Barnes XPB Bullets									
No.9	200	BAR	XPB	41.4	2,168	46.0	2,409	56,690	2.289
No.9	275	BAR	XPB	34.2	1,805	38.0	2,006	57,750	2.289
4100	200	BAR	XPB	42.0	2,030	46.7	2,255	46,492	2.289
4100	275	BAR	XPB	34.9	1,757	38.7	1,952	53,348	2.289

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	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
475 Linebaugh									
Barrel: 8.0" ■ Twist: 1-18" ■ Primer: WLP ■ Bullet Dia - .475"									
Reduced Loads, Lead Bullets									
5744	375	CP	LFNGC	23.4	1,086	26.0	1,207	34,670	1.731
5744	425	CP	LFNGC	18.0	889	20.0	988	29,210	1.731
Standard Loads									
No. 9	325	HDY	XTP	27.0	1,430	30.0	1,589	49,340	1.739
No. 9	400	HDY	XTP	21.2	1,227	23.5	1,363	48,610	1.739
4100	325	HDY	XTP	28.6	1,510	31.8	1,678	48,935	1.753
4100	400	HDY	XTP	22.3	1,247	24.7	1,386	48,501	1.755
Lead Bullets									
No. 9	355	TS	WFPGC	26.1	1,436	29.0	1,596	49,010	1.775
No. 9	375	CP	LFNGC	23.9	1,356	26.5	1,507	49,940	1.740
No. 9	395	CP	WLNGC	22.0	1,290	24.4	1,433	47,890	1.794
No. 9	405	MTB	KSPB	21.4	1,258	23.8	1,398	49,600	1.821
No. 9	410	CP	WFNGC	21.4	1,253	23.8	1,392	49,900	1.739
No. 9	420	CP	LFNPB	20.9	1,228	23.2	1,364	49,690	1.808
No. 9	425	MT	HUNT	21.2	1,298	23.5	1,442	49,720	1.764
No. 9	425	CP	LFNGC	18.9	1,134	21.0	1,260	43,360	1.731
4100	355	TS	WFNGC	27.0	1,435	30.0	1,595	48,541	1.770
4100	375	CP	LFNGC	24.8	1,363	27.6	1,515	49,073	1.725
4100	395	CP	WLNGC	25.2	1,355	28.0	1,506	49,083	1.794
4100	405	MT-B	KSPB	23.0	1,279	25.5	1,422	47,970	1.821
4100	410	CP	WFNGC	22.7	1,263	25.2	1,404	48,078	1.747
4100	425	CP	LFNGC	20.6	1,199	22.9	1,333	48,777	1.730
Barnes XPB Bullets									
No. 9	275	BAR	XPB	27.9	1,559	31.0	1,732	48,540	1.814
4100	275	BAR	XPB	28.6	1,539	31.8	1,710	46,719	1.814

475 Maximum

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 7.9" ■ Twist: 1-18" ■ Primer: CCI 350 ■ Bullet Dia - .475"									
5744	355	TS	WNFPGC	34.2	1,416	38.0	1,573	49,000	1.970
5744	405	MTB	KSPB	30.9	1,314	34.3	1,460	49,460	2.025
5744	425	CP	LFNGC	28.1	1,219	31.2	1,354	49,120	1.935
No. 9	355	TS	WNFPGC	26.6	1,448	29.6	1,609	49,020	1.970
No. 9	375	CP	LFNGC	24.8	1,377	27.6	1,530	49,960	1.940
No. 9	405	MTB	KSPB	24.3	1,331	27.0	1,479	48,610	2.025
No. 9	425	CP	LFNGC	22.5	1,260	25.0	1,400	49,730	1.935

480 Ruger

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 7.5" ■ Twist: 1-18" ■ Primer: WIN WLP ■ Bullet Dia - .475"									
No. 7	325	HDY	XTP	17.0	1,280	19.0	1,430	45,400	1.650
No. 7	400	HDY	XTP	13.0	1,050	15.0	1,180	45,200	1.635
No. 9	325	HDY	XTP	21.5	1,300	23.5	1,450	45,400	1.650
No. 9	400	HDY	XTP	17.0	1,130	19.0	1,240	44,600	1.635
4100	325	HDY	HP XTP	22.7	1,358	25.2	1,509	42,641	1.615
Lead Bullets									
No. 7	370	CP	LFNPB	15.2	1,180	17.2	1,300	46,000	1.670
No. 7	390	CP	LFNPB	14.8	1,150	16.5	1,260	46,600	1.680
No. 9	370	CP	LFNPB	19.0	1,220	21.0	1,320	44,900	1.670
No. 9	390	CP	LFNPB	18.4	1,180	20.5	1,300	45,500	1.680
4100	355	TS	WNFPGC	21.7	1,286	24.1	1,429	39,538	1.615
4100	370	CP	LFNPB	21.2	1,271	23.5	1,413	41,784	1.660
4100	375	CP	LFNGC	19.6	1,208	21.7	1,342	41,015	1.610
Barnes XPB Bullets									
No. 7	275	BAR	XPB	17.1	1,290	19.0	1,433	46,400	1.695
No. 9	275	BAR	XPB	22.5	1,360	25.0	1,511	40,550	1.695
4100	275	BAR	XPB	23.2	1,350	25.8	1,500	35,677	1.695

500 S&W

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 8.37" ■ Twist: 1-18" ■ Primer: WLR ■ Bullet Dia: 0.500"									
Reduced Loads, Lead Bullets									
5744	370	CP	WFNGC	32.0	1,204				
Standard loads									
5744	350	SIE	JHP	40.0	1,480	44.0	1,620	43,500	2.060
5744	400	SIE	JSP	37.0	1,385	41.0	1,520	43,200	2.060
No. 9	350	SIE	JHP	32.8	1,610	36.5	1,790	56,500	2.060
No. 9	400	SIE	JSP	31.0	1,490	34.5	1,670	57,500	2.060
4100	350	SIE	JHP	38.7	1,680	43.0	1,875	57,500	2.060
4100	400	SIE	JSP	35.0	1,510	40.0	1,700	57,800	2.060
1680	400	SIE	JSP	40.5	1,305	45.0	1,454	29,400	2.060
Lead Bullets									
5744	370	CP	WFNGC	38.3	1,432	42.5	1,566	41,800	2.020
5744	440	CP	WFNGC	34.4	1,300	38.0	1,424	43,100	2.020
No. 9	370	CP	WFNGC	32.0	1,550	35.0	1,700	56,000	2.020
No. 9	440	CP	WFNGC	27.0	1,325	30.5	1,490	56,000	2.020
4100	370	CP	WFNGC	39.0	1,650	43.5	1,825	56,000	2.020
4100	440	CP	WFNGC	33.0	1,420	37.0	1,650	57,000	2.020
1680	370	CP	WFNGC	43.0	1,375	47.5	1,550	37,000	2.020
1680	440	CP	WFNGC	38.7	1,267	43.0	1,458	35,000	2.020
Barnes XPB Bullets									
5744	325	BAR	XPB	39.0	1,520	43.0	1,700	41,500	2.292
5744	375	BAR	XPB	34.0	1,376	37.5	1,500	43,500	2.292
No. 9	325	BAR	XPB	32.0	1,620	36.0	1,800	54,000	2.292
No. 9	375	BAR	XPB	29.0	1,460	32.5	1,650	57,000	2.292
4100	325	BAR	XPB	38.0	1,680	42.0	1,820	57,000	2.292
4100	375	BAR	XPB	33.0	1,475	37.5	1,665	57,000	2.292
1680	375	BAR	XPB	38.0	1,250	42.0	1,450	36,500	2.292

500 Linebaugh

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 7.87" ■ Twist: 1-18" ■ Primer: CCI 350 ■ Bullet Dia: 0.511"									
No. 9	350	CP	WFNGC	26.6	1,337	29.5	1,485	34,120	1.737
No. 9	435	CP	WFNGC	23.9	1,192	26.5	1,324	34,170	1.742
No. 9	520	CP	LFNGC	19.8	1,027	22.0	1,141	34,040	1.860
No. 9	525	CP	WFNGC	18.2	980	20.2	1,089	34,330	1.793
4100	350	CP	WFNGC	27.2	1,315	30.2	1,461	30,978	1.737
4100	435	CP	WFNGC	24.3	1,189	27.0	1,321	33,667	1.742
4100	520	CP	LFNGC	20.6	1,027	22.8	1,141	33,657	1.860
4100	525	CP	WFNGC	18.9	992	21.0	1,102	33,973	1.793
5744	350	CP	WFNGC	32.4	1,253	36.0	1,392	34,288	1.737
5744	435	CP	WFNGC	28.4	1,118	31.6	1,242	34,290	1.742
5744	520	CP	LFNGC	24.0	972	26.7	1,080	34,140	1.860
5744	525	CP	WFNGC	21.6	908	24.0	1,009	33,710	1.793

500 Maximum

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 7.87" ■ Twist: 1-18" ■ Primer: CCI 350 ■ Bullet Dia: 0.511"									
5744	350	CP	WFNGC	38.2	1,358	42.4	1,509	33,880	1.935
5744	435	CP	WFNGC	33.8	1,204	37.5	1,338	33,510	1.975
5744	525	CP	WFNGC	27.0	1,023	30.0	1,137	33,710	2.000
1680	435	CP	WFNGC	45.0	1,399	50.0	1,554	33,610	1.975
1680	525	CP	WFNGC	34.0	1,159	37.8	1,288	33,750	2.000

PISTOL PACKIN' POWER



ACCURATE POWDERS



RIFLE

RIFLE

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
223 Remington									
Barrel: 24" ■ Twist: 1-12" ■ Primer: FED 205 ■ Bullet Diameter .224"									
5744	35	HDY	V-MAX	19.2	3,169	21.1	3,602	53,694	2.130
5744	40	NOS	B-TIP	18.5	3,025	20.6	3,439	54,810	2.260
5744	50	BAR	VAR	17.8	2,743	19.7	3,117	52,983	2.235
5744	53	HDY	HP	16.8	2,626	18.7	2,985	53,897	2.225
5744	55	SIE	SPT	16.8	2,612	18.7	2,968	55,000	2.230
2015	35	HDY	V-MAX	22.5	3,289	25.0	3,738	53,186	2.130
2015	40	NOS	B-TIP	22.8	3,230	25.4	3,671	52,600	2.260
2015	45	SIE	HORNET	22.5	3,058	25.0	3,475	49,800	2.115
2015	50	SIE	BK	22.1	2,921	24.5	3,319	47,100	2.235
2015	52	BRG	HP	20.4	2,855	22.7	3,245	54,959	2.250
2015	53	HDY	HP	21.2	2,818	23.5	3,203	48,500	2.225
2015	55	NOS	B-TIP	21.6	2,829	24.0	3,215	50,500	2.230
2230	35	HDY	V-MAX	25.4	3,402	28.3	3,866	48,010	2.130
2230	36	BAR	VG	25.7	3,420	28.6	3,800	51,500	2.180
2230	40	BAR	VAR	23.7	3,138	26.4	3,566	51,500	2.260
2230	45	BRG	HP	23.3	2,980	25.9	3,387	51,200	2.115
2230	50	SIE	BK	22.5	2,882	25.0	3,275	50,500	2.235
2230	50	BAR	VG	23.0	3,007	25.5	3,341	54,211	2.180
2230	52	SIE	HPBT	21.1	2,892	23.5	3,287	54,970	2.250
2230	53	HDY	HP	22.5	2,805	25.0	3,187	50,600	2.225
2230	55	NOS	B-TIP	22.5	2,773	25.0	3,152	51,000	2.230
2230	60	NOS	PART	21.2	2,663	23.5	3,025	49,900	2.235
2230	62	BRG	HP	20.4	2,623	22.8	2,982	54,950	2.250
2230	64	BRG	HP	20.3	2,566	22.5	2,916	54,915	2.250
2460	40	NOS	B-TIP	24.2	3,169	26.9	3,602	51,700	2.260
2460	45	BRG	HP	23.8	2,998	26.4	3,406	50,000	2.115
2460	50	BAR	VAR	22.5	2,871	25.0	3,262	47,800	2.235
2460	52	SIE	BTHP	21.9	2,874	24.3	3,267	54,981	2.250
2460	55	NOS	B-TIP	22.9	2,786	25.4	3,166	49,900	2.230
2460	60	HDY	V-MAX	21.8	2,652	24.2	3,014	50,100	2.235
2460	64	BRG	HP	20.7	2,572	23.0	2,922	53,100	2.250
2495	55	SIE	BK	22.7	2,820	25.2	3,206	51,800	2.230
2495	60	SIE	HP	21.3	2,626	23.7	2,985	55,000	2.235
2520	60	HDY	SP	23.8	2,720	26.4	3,091	54,516	2.235
2520	64	BRG	HP	22.5	2,655	25.0	3,017	54,980	2.250

Italicized = CUP Pressure

223 Remington (1 in 7 or 9 twist)

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-7" or 1-9" ■ Primer: FED 205 ■ Bullet Diameter .224"									
2460	69	NOS	HPBT	21.3	2,579	23.7	2,991	51,800	2.250
2460	75	HDY	HPBT	21.1	2,457	23.5	2,792	50,400	2.255
2460	80	SIE	HPBT	20.7	2,404	23.0	2,732	50,200	2.450
2495	69	SIE	HPBT	21.6	2,556	24.0	2,905	50,500	2.250
2495	80	NOS	HPBT	20.4	2,404	22.6	2,732	52,300	2.450
2520	69	SIE	HPBT	23.3	2,625	25.9	2,983	48,900	2.250
2520	75	HDY	HPBT	22.0	2,522	24.5	2,866	52,500	2.255
2520	80	SIE	HPBT	21.6	2,411	24.0	2,740	50,400	2.450

Italicized = CUP Pressure

22-250 Remington

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-14" ■ Primer: WIN WLR ■ Bullet Diameter .224"									
2460	40	NOS	B-TIP	33.7	3,663	37.5	4,163	60,500	2.405
2460	45	BRG	HP	32.4	3,392	36.0	3,854	58,800	2.305
2460	50	BAR	VAR	32.9	3,371	36.5	3,831	61,900	2.350
2460	53	HDY	HP	31.5	3,194	35.0	3,629	58,600	2.380
2460	55	SIE	BK	32.4	3,230	36.0	3,670	62,300	2.370
2520	40	BAR	VAR	34.6	3,673	38.5	4,174	61,800	2.405
2520	45	BRG	HP	33.8	3,412	37.5	3,877	58,800	2.305
2520	50	SIE	BK	33.3	3,361	37.0	3,819	63,100	2.350
2520	53	HDY	HP	32.0	3,167	35.5	3,599	56,400	2.380
2520	55	NOS	B-TIP	32.4	3,172	36.0	3,605	59,700	2.370
4064	40	SIE	BK	35.5	3,526	39.5	4,007	54,800	2.260
4064	45	BRG	HP	35.1	3,426	39.0	3,894	56,100	2.300
4064	50	HDY	V-MAX	34.2	3,340	38.0	3,796	59,300	2.350
4064	53	SIE	HP	32.7	3,314	37.5	3,767	64,400	2.380
4064	55	HDY	V-MAX	33.3	3,236	37.0	3,678	59,500	2.370
4064	60	NOS	PART	32.4	3,086	36.0	3,507	58,700	2.400
4064	63	SIE	SP	31.0	2,983	34.5	3,390	59,000	2.325
4064	70	BRG	HP	29.0	2,833	32.2	3,220	64,500	2.325
4064	80	SIE	HPBT	29.2	2,662	32.5	3,026	62,000	2.610
2700	50	BAR	VAR	39.0	3,461	41.0	3,682	56,000	2.350
2700	53	HDY	HP	39.0	3,404	41.0	3,621	59,300	2.380
2700	55	SIE	SPT	38.0	3,436	40.0	3,655	60,700	2.370
2700	60	HDY	V-MAX	36.1	3,269	38.0	3,478	61,100	2.400
2700	63	SIE	SP	35.6	3,199	37.5	3,408	60,900	2.325
2700	70	BRG	HP	32.8	2,934	34.5	3,121	58,900	2.325
2700	80	NOS	HPBT	32.3	2,804	34.0	2,983	58,600	2.610

220 Swift

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-14" ■ Primer: FED 210 ■ Bullet Diameter .224"									
4064	40	NOS	B-TIP	35.1	3,573	39.0	4,061	58,056	2.680
4064	50	BAR	VAR	35.1	3,381	39.0	3,843	60,180	2.680
4064	55	SIE	BK	33.3	3,138	37.0	3,566	61,596	2.680
2700	40	SIE	BK	42.3	3,884	47.0	4,414	61,000	2.680
2700	50	HDY	V-MAX	42.8	3,793	45.0	4,035	62,500	2.680
2700	55	NOS	B-TIP	41.3	3,602	43.5	3,832	57,000	2.680
2700	60	HDY	V-MAX	39.9	3,391	42.0	3,607	59,700	2.680
2700	63	SIE	SP	39.0	3,494	41.0	3,717	63,400	2.660
2700	70	BRG	HP	37.1	3,229	39.0	3,435	64,000	2.660

223 Winchester Super Short Magnum (WSSM)

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-12" ■ Primer: WIN WLR ■ Bullet Diameter .224"									
4064	55	NOS	B-TIP	37.8	3,351	42.0	3,723	63,700	2.197
4064	69	SIE	HPBT	35.8	3,069	39.8	3,410	63,800	2.230
2700	55	SIE	BK	43.2	3,465	48.0	3,850	59,600	2.197
2700	69	NOS	HPBT	40.1	3,164	44.5	3,516	62,800	2.230
4350	55	SIE	BK	42.3	3,458	47.0	3,842	59,300	2.197
4350	69	NOS	HPBT	40.1	3,230	44.5	3,589	64,132	2.230

6mm PPC

	Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
Barrel: 24" ■ Twist: 1-14" ■ Primer: REM 7 1/2" ■ Bullet Diameter .243"									
2015	60	BRG	HP	24.5	2,783	27.2	3,163	49,200	2.050
2015	70	SIE	HPBT	24.3	2,602	27.0	2,957	46,000	2.080
2230	60	BRG	HP	26.6	2,794	29.5	3,175	49,500	2.050
2230	70	BRG	HP	25.7	2,573	28.5	2,924	49,000	2.080
2460	60	SIE	HP	27.0	2,816	30.0	3,200	48,800	2.050
2460	70	BRG	HP	26.6	2,623	29.5	2,981	46,600	2.080
2495	60	SIE	HP	25.7	2,794	28.5	3,175	50,000	2.050



ACCURATE 2460

2460® is suitable for small and medium sized caliber applications. It provides an additional option to shooters in order to fine tune and optimize loads and combinations with calibers ranging from the 223 Rem, 308 Win and for light bullets in the 30-06 Springfield.

ACCURATE POWDERS



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Table with columns: Bullet Weight (Grains), Bullet Make, Bullet Type, Start Load (Grains), Start Velocity (fps), Max Load (Grains), Max Load Velocity (fps), Max Load Pressure (psi), COL (inch). Rows include 7mm Remington Short Action Ultra Magnum (RSAUM).

Table with columns: Bullet Weight (Grains), Bullet Make, Bullet Type, Start Load (Grains), Start Velocity (fps), Max Load (Grains), Max Load Velocity (fps), Max Load Pressure (psi), COL (inch). Rows include 7mm Winchester Short Magnum (WSM).

Table with columns: Bullet Weight (Grains), Bullet Make, Bullet Type, Start Load (Grains), Start Velocity (fps), Max Load (Grains), Max Load Velocity (fps), Max Load Pressure (psi), COL (inch). Rows include 7mm Remington Magnum.

Table with columns: Bullet Weight (Grains), Bullet Make, Bullet Type, Start Load (Grains), Start Velocity (fps), Max Load (Grains), Max Load Velocity (fps), Max Load Pressure (psi), COL (inch). Rows include 7mm STW (Shooting Times Westerner).

Table with columns: Bullet Weight (Grains), Bullet Make, Bullet Type, Start Load (Grains), Start Velocity (fps), Max Load (Grains), Max Load Velocity (fps), Max Load Pressure (psi), COL (inch). Rows include 30-30 Winchester.

Table with columns: Bullet Weight (Grains), Bullet Make, Bullet Type, Start Load (Grains), Start Velocity (fps), Max Load (Grains), Max Load Velocity (fps), Max Load Pressure (psi), COL (inch). Rows include 308 Winchester.

Frangible Bullets A-2460 125 SF NTP 41.0 2,720 45.5 3,022 47,690 2,700



Rifle powders with serious high impact power





RIFLE

RIFLE

444 Marlin
 Barrel: 24" ■ Twist: 1-38" ■ Primer: WIN WLR ■ Bullet Diameter .429"

Reduced Loads, Lead Bullets

Bullet Weight (Grains)	Bullet Make	Bullet Type	Start Load (Grains)	Start Velocity (fps)	Max Load (Grains)	Max Load Velocity (fps)	Max Load Pressure (psi)	COL (inch)
5744	200 LC	RNFP	34.2	1,958	38.0	2,225	41,000	2.560
5744	240 LC	SWC	32.4	1,804	36.0	2,051	39,200	2.570

Reduced Loads

5744	200 HDY	XTP	36.0	2,021	40.0	2,297	42,400	2.520
5744	240 SIE	JHC	33.3	1,820	37.0	2,069	41,900	2.520
5744	265 HDY	FP	31.5	1,692	35.0	1,923	40,500	2.570

Standard Loads

1680	200 HDY	XTP	54.2	2,566	57.0	2,730	41,300	2.520
2015	200 HDY	XTP	57.0	2,409	60.0	2,563	42,700	2.520
2015	240 SIE	JHC	52.3	2,217	55.0	2,359	43,000	2.520
2015	265 HDY	FP	49.4	2,088	52.0	2,221	41,500	2.570
2230	240 SIE	JHC	54.2	2,181	57.0	2,320	44,000	2.520
2230	265 HDY	XTP	52.3	2,074	55.0	2,206	44,000	2.570
2460	240 SIE	JHC	54.2	2,138	57.0	2,274	42,700	2.520
2460	265 HDY	FP	53.2	2,084	56.0	2,217	43,700	2.570

Italicized = CUP Pressure

45-70 Government (Springfield Trap Door less than 18,000 psi)
 Barrel: 24" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Diameter .458"

5744	405 LC	FP	24.3	1,226	27.0	1,394	16,100	2.550
5744	420 CP	LFNGC	25.6	1,210	28.5	1,375	16,100	2.600
5744	460 CP	LFNGC	24.3	1,102	27.0	1,253	18,800	2.680
5744	500 MCB	RN	23.4	1,070	26.0	1,217	16,100	2.635
5744	525 MCB	SS	21.6	1,060	24.0	1,205	16,300	2.655
5744	530 LYM	Postell	20.1	1,036	22.4	1,178	18,600	2.950

45-70 Government (Standard Rifles less than 28,000 psi)
 Barrel: 24" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Diameter .458"

5744	300 SIE	HP FN	36.7	1,712	40.8	1,874	27,200	2.550
5744	350 HDY	RN	33.8	1,529	37.5	1,676	27,700	2.550
5744	400 SPR	FN	29.7	1,460	33.0	1,610	27,800	2.540
2015	300 HDY	JHP	51.8	1,836	57.5	2,069	27,300	2.550
2015	350 HDY	RN	47.3	1,703	52.5	1,890	27,800	2.550
2230	300 SIE	HP FN	43.2	1,747	48.0	1,901	27,600	2.550
2230	350 HDY	RN	42.3	1,623	47.0	1,776	28,000	2.550
2230	500 HDY	RN	32.8	1,167	36.4	1,306	27,400	2.550

Lead Bullets

5744	405 LC	FP	30.6	1,468	34.0	1,600	27,800	2.550
5744	420 CP	LFNGC	29.3	1,401	32.5	1,538	27,000	2.550
5744	440 CP	LFNGC	28.1	1,362	31.2	1,490	27,600	2.550
5744	460 CP	WFNGC	27.5	1,321	30.5	1,444	27,200	2.550
5744	500 LC	FP	25.2	1,265	28.0	1,400	27,900	2.550
2015	405 LC	FP	44.3	1,666	49.2	1,817	27,400	2.550
2015	420 CP	LFNGC	42.6	1,584	47.3	1,763	27,400	2.550
2015	440 CP	LFNGC	38.6	1,514	43.2	1,652	27,300	2.550
2015	460 CP	WFNGC	38.3	1,482	42.6	1,636	27,100	2.550
2015	500 LC	FP	34.7	1,350	38.5	1,510	27,900	2.550
2230	405 LC	FP	38.6	1,550	43.2	1,694	27,500	2.550
2230	420 CP	LFNGC	38.0	1,523	42.2	1,646	27,400	2.550
2230	440 CP	LFNGC	34.5	1,437	38.3	1,553	28,000	2.550
2230	460 CP	WLFNGC	34.4	1,404	38.2	1,511	27,300	2.550
2230	500 LC	FP	33.3	1,320	37.0	1,450	27,500	2.550

45-70 Government (Ruger No. 1 and 3 less than 40,000 psi)
 Barrel: 24" ■ Twist: 1-20" ■ Primer: WIN WLR ■ Bullet Diameter .458"

5744	300 SIE	HP FN	43.2	1,986	48.0	2,159	38,900	2.550
5744	350 HDY	RN	39.4	1,771	43.8	1,929	38,000	2.550
5744	400 BAR	FNFP	36.9	1,620	41.0	1,787	38,100	2.550
2230	300 HDY	JHP	56.0	2,092	62.2	2,275	38,200	2.550
2230	350 HDY	RN	48.6	1,797	54.0	1,922	39,000	2.550
2230	400 BAR	FN SP	46.8	1,745	52.0	1,865	38,300	2.550
2230	500 HDY	RN	39.6	1,408	44.0	1,552	38,800	2.550

Lead Bullets

5744	405 LC	FP	36.0	1,667	40.0	1,826	38,400	2.550
5744	420 CP	LFNGC	35.1	1,641	39.0	1,783	38,200	2.550
5744	440 CP	LFNGC	32.9	1,558	36.5	1,705	38,000	2.550
5744	460 CP	WFNGC	32.6	1,523	36.2	1,666	38,200	2.550
5744	500 LC	FP	27.0	1,400	30.0	1,550	38,200	2.550
2230	405 LC	FP	48.2	1,845	53.5	1,978	38,700	2.550
2230	420 CP	LFNGC	46.8	1,791	52.2	1,920	37,400	2.550
2230	440 CP	LFNGC	42.8	1,674	47.5	1,804	38,600	2.550
2230	460 CP	WFNGC	42.8	1,668	47.5	1,782	37,900	2.550

458 Winchester Magnum
 Barrel: 24" ■ Twist: 1-14" ■ Primer: FED 215 ■ Bullet Diameter .458"

Reduced Loads

5744	405 CP	WLNGC	45.9	1,909	51.0	2,170	59,708	3.000
5744	460 CP	WFNGC	44.1	1,779	49.0	2,022	61,360	3.110

Standard Loads

2015	300 HDY	HP	68.4	2,293	76.0	2,606	41,890	2.940
2015	350 HDY	RN	67.5	2,250	75.0	2,557	52,628	2.965
2015	400 BAR	SSP	68.4	2,172	76.0	2,468	57,584	3.140
2015	500 HDY	RN	61.2	1,891	68.0	2,149	58,056	3.305
2230	300 HDY	HP	70.2	2,248	78.0	2,554	39,530	2.940
2230	350 HDY	RN	70.2	2,211	78.0	2,512	53,218	2.965
2230	400 BAR	SSP	72.0	2,162	80.0	2,457	53,690	3.140
2230	500 HDY	RN	64.8	1,900	72.0	2,159	53,808	3.305
2460	300 HDY	HP	70.2	2,205	78.0	2,506	36,344	2.940
2460	350 HDY	RN	70.2	2,189	78.0	2,487	49,914	2.965
2460	400 BAR	SSP	72.0	2,158	80.0	2,452	52,746	3.140
2460	500 HDY	RN	66.6	1,929	74.0	2,192	52,864	3.305

458 Lott
 Barrel: 24" ■ Twist: 1-10" ■ Primer: WIN WLR ■ Bullet Diameter .458"

2230	500 HDY	RN	74.0	2,077	82.0	2,275	60,000	3.600
2520	500 HDY	RN	77.0	2,100	86.0	2,310	61,000	3.600

550 Magnum
 Barrel: 24" ■ Twist: 1-18" ■ Primer: WLRM ■ Bullet Diameter .550"

Reduced Load, Lead Bullets

5744	700 CP	RN FP	54.0	1,504			24,740	3.735
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Standard Load

2015	700 BAR	BDD SLD	93.6	1,989	104.0	2,210	62,660	3.735
2495	600 HWK	RN SP	108.0	2,210	120.0	2,455	61,940	3.790
2495	700 AL	SPHJ	107.1	2,061	119.0	2,290	62,310	3.780
2495	700 HWK	RN SP	98.1	1,971	109.0	2,190	64,810	3.720
2495	700 GS	FN SLD	102.6	2,041	114.0	2,268	60,480	3.790
2520	700 HWK	RN SP	101.7	2,005	113.0	2,228	61,410	3.715
4064	800 HWK	RN SP	101.7	1,793	113.0	1,992	61,150	3.835

Standard Load, Lead Bullets

2015	700 CP	RN FP	86.4	1,872	96.0	2,080	49,440	3.735
2015	600 HWK	RN SP	113.4	2,271	126.0	2,523	60,840	3.790



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ACCURATE POWDERS



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SHOTSHELL

12 gauge

Remington STS Hulls

Cartridge length: 2.300"
Case length: 2³/₄"

Primers: Std. 209
(Win/Rem/Cheddite)

Crimp: 8-Fold
Crimp depth: 0.080"

Weight oz.	Powder	Wads	Light loads		Standard Target: Trap Skeet etc						Extreme target loads/Hunting									
			1050 Fps		1100 Fps		1150 Fps		1200 Fps		1250 Fps		1300 Fps		1350 Fps		1400 Fps		1450 Fps	
			Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi
7/8	N100	CB4100-12					14.9	6100	15.8	6900	16.7	7800	17.6	8600	18.5	9500	19.5	10300	20.4	11100
7/8	N100	CB0178-12					14.8	6700	15.6	7500	16.5	8300	17.4	9100	18.3	10000	19.2	10800		
7/8	N100	WAA 12 L			13.1	6000	14.0	7000	15.1	8200	16.0	9200	17.0	10300	18.0	11400				
7/8	S1000	CB4100-12								19.3	6400	20.2	7100	21.1	7700	22.0	8400	22.9	9000	
7/8	S1000	CB0178-12							18.3	6000	19.2	6700	20.0	7300	20.7	7900	21.5	8500	22.2	9100
7/8	S1000	WAA 12 L							17.9	6400	18.9	7300	19.8	8200	20.8	9100	21.8	10000	22.8	10900
7/8	S1250	CB4100-12								23.6	6000	24.3	6400	25.0	6900	25.7	7300			
7/8	S1250	CB0178-12								24.3	6100	25.1	6500	25.9	6900	26.7	7300			
7/8	S1250	WAA12L								23.1	6500	23.9	7000							
1	N100	CB4100-12	13.7	6100	14.6	7000	15.5	7800	16.4	8700	17.4	9700	18.3	10600	19.3	11500				
1	N100	CB1100-12	13.9	6600	14.7	7500	15.4	8200	16.5	9300	17.4	10200	18.3	11100						
1	N100	CB2100-12	13.3	6800	14.3	7900	15.2	8800	16.3	10000	17.4	11200								
1	N100	REM 12 L	13.0	6700	14.0	7800	14.8	8700	15.8	9800	16.9	11000								
1	N100	WAA 12 SL	12.8	6700	13.8	7900	14.4	8600	15.8	10200										
1	S1000	CB4100-12					17.8	6300	18.9	7400	19.9	8300	20.9	9200	21.9	10100	22.8	11000		
1	S1000	CB1100-12					17.3	6300	18.8	7500	19.9	8400	21.1	9300	22.2	10300	23.3	11200		
1	S1000	CB2100-12			16.8	6000	17.7	7000	18.8	8200	19.8	9300	20.9	10400	21.9	11400				
1	S1000	REM 12 L			16.4	6400	17.0	6900	18.3	8100	19.4	9200	20.4	10100	21.4	11100				
1	S1000	WAA 12 SL			16.1	6200	17.5	7900	18.3	8800	19.4	10100	20.5	11400						
1	S1250	CB4100-12							22.7	6500	23.6	7100	24.5	7800	25.4	8400				
1	S1250	CB1100-12							23.9	6400	24.8	6900	25.8	7400	26.7	8000				
1	S1250	CB2100-12					22.0	6400	23.1	7100	23.9	7600	24.9	8200	25.8	8800				
1	S1250	REM12L					21.5	6100	22.6	6600	23.7	7200	24.8	7800	25.9	8400				
1	S1250	WAA12SL					21.3	6400	22.3	7200	23.2	7900	24.2	8700						
1 1/8	N100	WAA 12	13.0	9300	14.2	10600	14.8	11300												
1 1/8	N100	WT 12	13.2	8600	14.3	9900	15.6	11500												
1 1/8	N100	REM 12 H	13.6	8000	14.7	9200	15.7	10200												
1 1/8	N100	REM FIG 8	13.7	7700	14.8	9000	15.7	10200												
1 1/8	N100	REM RXP 12	13.3	8500	14.5	9700	16.1	11200												
1 1/8	N100	REM TGT 12	13.7	8000	14.8	9200	15.8	10400												
1 1/8	N100	CB4118-12B	13.8	7200	14.9	8400	16.0	9700	17.0	10800										
1 1/8	N100	CB3118-12A	13.5	8200	14.6	9500	15.9	11000												
1 1/8	N100	CB3118-12AR	13.7	7940	14.7	9227	15.7	10514												
1 1/8	N100	CB1118-12	13.5	8600	14.6	9800	15.5	10800												
1 1/8	N100	CB0118-12	13.5	8000	14.7	9300	16.0	10800												
1 1/8	N100	CB2118-12	13.6	8700	14.7	9900	15.8	11100												
1 1/8	S1000	CB4118-12B	16.1	6000	17.2	7200	18.4	8600	19.4	9700	20.5	10900								
1 1/8	S1000	CB3118-12A	15.7	6600	16.9	7900	17.5	8600	19.3	10500										
1 1/8	S1000	CB3118-12AR	15.5	6400	16.7	7800	17.8	9000	19.2	10600										
1 1/8	S1000	CB1118-12	15.6	6800	16.8	8100	17.9	9300	19.2	10800										
1 1/8	S1000	CB0118-12	15.5	6600	16.8	7800	18.1	9100	19.3	10300										
1 1/8	S1000	CB2118-12	15.3	7714	16.4	9112	17.5	10510												
1 1/8	S1000	REM 12 H	15.3	6500	16.5	7900	17.7	9300	19.0	10700										
1 1/8	S1000	REM FIG 8	15.8	6700	17.1	7900	18.2	9000	19.5	10300	20.8	11500								
1 1/8	S1000	REM RXP 12	15.6	6600	16.9	7900	17.8	8900	19.4	10500										
1 1/8	S1000	REM TGT 12	15.8	6600	17.0	7900	18.1	9100	19.3	10400										
1 1/8	S1000	WAA 12	15.3	7000	16.5	8600	17.7	10100												
1 1/8	S1000	WT 12	15.5	6400	16.6	7900	18.1	9600	19.0	10800										
1 1/8	S1250	CB4118-12B			21.9	6100	22.7	6700	23.9	7400	24.9	8100	25.9	8700	26.9	9300				
1 1/8	S1250	CB3118-12A			21.1	6200	22.8	7600	23.3	8000	24.4	9000	25.5	9900	26.7	10800				
1 1/8	S1250	CB3118-12AR			21.3	6400	22.3	7000	23.6	7900	24.6	8600	25.9	8700	26.9	9300				
1 1/8	S1250	CB1118-12			20.0	6400	20.8	7000	22.3	8200	23.5	9300	24.7	10200	25.9	11200				
1 1/8	S1250	CB0118-12			21.4	6500	22.4	6900	23.1	7800	24.3	8600	25.2	9400	26.2	10100				
1 1/8	S1250	CB2118-12			20.2	6700	21.9	8300	22.4	8800	23.5	9800	24.6	10800						
1 1/8	S1250	REM12H			20.2	6000	21.3	7000	22.5	8000	23.6	9000	24.8	10000	26.0	11000				
1 1/8	S1250	REMF8					21.2	6000	22.3	6700	23.3	7400	24.4	8100	25.4	8800				
1 1/8	S1250	REMRXP12					20.9	6800	22.2	8000	23.5	9300	24.8	10500						
1 1/8	S1250	REMTGT12							22.5	6600	23.5	7400	24.4	8100						
1 1/8	S1250	WAA12			20.0	6400	21.1	7500	22.2	8700	23.4	9900	24.5	11100						
1 1/8	S1250	WT12			20.2	6100	21.3	7200	22.4	8300	23.5	9500	24.6	10600						

ACCURATE POWDERS



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12 gauge

WAA-HS 2 Piece
(can also use loads in old 1 piece hull)

Cartridge length: 2.300"
Case length: 2³/₄"

Primers: Std. 209
(Win/Rem/Cheddite)

Crimp: 8-Fold
Crimp depth: 0.080"

Weight oz.	Powder	Wads	Light loads		Standard Target: Trap Skeet etc						Extreme target loads/Hunting									
			1050 Fps		1100 Fps		1150 Fps		1200 Fps		1250 Fps		1300 Fps		1350 Fps		1400 Fps		1450 Fps	
			Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi	Chrg grains	Press psi
7/8	N 100	CB4100-12					14.5	6388	15.5	7241	16.4	8095	17.4	8948	18.4	9801	19.3	10655	20.3	11500
7/8	N 100	CB0178-12			13.4	5473	14.3	6510	15.2	7548	16.1	8585	17.0	9623	17.9	10660				
7/8	N 100	WAA 12 L			13.1	5774	14.1	6877	15.0	7979	16.0	9082	16.9	10184	17.8	11286				
7/8	S1000	CB4100-12							18.5	5903	19.5	6463	20.5	7023	21.5	7582	22.5	8142	23.4	8702
7/8	S1000	CB0178-12							17.9	6114	18.8	6889	19.8	7664	20.7	8439	21.7	9214	22.6	9989
7/8	S1000	WAA 12 L					16.7	5641	17.6	6571	18.6	7501	19.5	8431	20.4	9361	21.4	10290	22.3	11220
7/8	S1250	CB4100-12							23.0	5683	23.8	6090	24.7	6497	25.5	6904	26.4	7311		
7/8	S1250	CB0178-12							22.2	5733	23.0	6206	23.9	6679	24.7	7152	25.6	7625		
7/8	S1250	WAA 12 L							21.7	5757	22.6	6458	23.5	7159	24.4	7861				
1	N100	CB4100-12	13.4	6353	14.4	7340	15.3	8327	16.3	9315	17.3	10302	18.2	11289						
1	N100	CB1100-12	12.7	6086	13.7	7216	14.8	8346	15.9	9476	16.9	10606								
1	N100	CB2100-12	13.2	6368	14.2	7668	15.1	8968	16.0	10268	16.9	11500								
1	S1000	CB4100-12			16.8	5745	17.9	6697	18.9	7648	20.0	8600	21.1	9551	22.2	10503	23.3	11455		
1	S1000	CB1100-12			16.5	6069	17.5	7047	18.4	8025	19.4	9003	20.4	9981	21.3	10959				
1	S1000	CB2100-12			16.5	6212	17.5	7354	18.4	8495	19.3	9636	20.2	10777						
1	S1000	REM 12 L	14.9	4987	16.0	6113	17.0	7239	18.1	8365	19.1	9491	20.2	10617	21.3	11743				
1	S1000	WAA 12 SL	14.7	5143	15.8	6279	16.9	7414	18.0	8549	19.1	9684	20.2	10819	21.3	11954				
1	S1250	CB4100-12			20.3	5679	21.2	6178	22.1	6678	23.0	7177	23.9	7677	24.8	8176	25.7	8675		
1	S1250	CB1100-12					21.2	5595	22.2	6426	23.1	7256	24.1	8086	25.1	8917	26.1	9747		
1	S1250	CB2100-12					21.1	5915	22.1	6797	23.0	7679	24.0	8561	25.0	9444	25.9	10326		
1	S1250	REM 12 L					21.0	5900	22.1	6601	23.2	7301	24.3	8002	25.3	8702				
1	S1250	WAA 12 SL					20.5	6106	21.6	6958	22.8	7814	23.9	8669						
1 1/8	N100	WAA 12	13.1	9904	14.3	10792	15.4	11679												
1 1/8	N100	WT 12	13.4	9862	14.5	10721	15.5	11580												
1 1/8	N100	REM 12 H	13.8	8257	14.8	9488	15.8	10719	16.8	11950										
1 1/8	N100	REM FIG 8	13.6	7940	14.7	9253	15.7	10567	16.8	11881										
1 1/8	N100	REM RXP 12	13.2	9471	14.4	10456	15.5	11442												
1 1/8	N100	REM TGT 12	13.4	8164	14.5	9394	15.6	10624	16.7	11854										
1 1/8	N100	CB4118-12B	13.7	7452	14.8	8783	15.8	10114	16.9	11446										
1 1/8	N100	CB3118-12A	13.5	8277	14.6	9530	15.7	10782												
1 1/8	N100	CB3118-12AR	13.8	8075	14.8	9330	15.8	10585	16.8	11840										
1 1/8	N100	CB1118-12	13.6	8603	14.5	9745	15.6	10886												
1 1/8	N100	CB0118-12	13.5	8464	14.6	9646	15.6	10828												
1 1/8	N100	CB2118-12	13.6	8612	14.7	9772	15.7	10932												
1 1/8	S1000	REM 12 H	15.2	6641	16.4	8060	17.6	9480	18.8	10899										
1 1/8	S1000	REM FIG 8	15.6	6423	16.7	7820	17.8	9217	18.9	10614										
1 1/8	S1000	REM RXP 12	14.7	6240	16.0	7909	17.3	9578	18.6	11247										
1 1/8	S1000	REM TGT 12	14.9	5538	16.2	7214	17.5	8891	18.8	10567										
1 1/8	S1000	WAA 12	15.5	7546	16.8	8844	17.8	10141	18.9	11439										
1 1/8	S1000	WT 12	15.2	6698	16.4	8292	17.6	9886	18.8	11481										
1 1/8	S1000	CB4118-12B	16.0	6252	17.1	7448	18.2	8643	19.3	9839	20.4	11035								
1 1/8	S1000	CB3118-12A	15.2	5837	16.5	7482	17.8	9128	19.0	10773										
1 1/8	S1000	CB3118-12AR	15.8	6440	16.9	7899	18.0	9358	19.0	10817										
1 1/8	S1000	CB1118-12	15.6	7175	16.6	8427	17.7	9679	18.8	10930										
1 1/8	S1000	CB0118-12	15.4	6383	16.5	7906	17.7	9430	18.8	10953										
1 1/8	S1000	CB2118-12	15.3	6516	16.5	8081	17.7	9647	18.8	11212										
1 1/8	S1250	REM 12 H					21.0	6831	22.3	8078	23.5	9325	24.8	10572						
1 1/8	S1250	REM FIG 8					21.0	6801	22.2	7933	23.4	9065	24.6	10198						
1 1/8	S1250	REM RXP 12			19.1	5937	20.3	7253	21.5	8568	22.7	9884	23.8	11189						
1 1/8	S1250	REM TGT 12	19.2	6042	20.0	6647	20.9	7241	21.8	7840	22.6	8439	23.5	9038						
1 1/8	S1250	WAA 12			19.5	5656	20.6	7163	21.8	8679	22.9	10191	24.0	11702						
1 1/8	S1250	WT 12			19.2	5616	20.3	7000	21.5	8384	22.7	9768	23.9	11153						
1 1/8	S1250	CB4118-12B			20.5	5799	21.6	6808	22.7	7816	23.8	8824	24.8	9832	25.9	10840				
1 1/8	S1250	CB3118-12A			19.9	6304	21.1	7253	22.3	8202	23.5	9151	24.7	10099	25.9	11048				
1 1/8	S1250	CB3118-12AR			19.9	5673	21.0	6892	22.1	8112	23.2	9332	24.3	10551						
1 1/8	S1250	CB1118-12					20.3	7241	21.5	8283	22.8	9326	24.0	10369	25.2	11411				
1 1/8	S1250	CB0118-12					20.4	6850	21.6	8129	22.7	9408	23.9	10687						
1 1/8	S1250	CB2118-12			19.2	5783	20.5	7117	21.7	8451	23.0	9785	24.3	11119						

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Hornady 366/APEX Presses				
Desired	Solo	Solo	No 2	Nitro
Grains	1000	1250	No 2	100
	Bushing	Bushing	Bushing	Bushing
13.0		354		
13.5		360		366
14.0	387	369		372
14.5	393	378		375
15.0	399	384		381
15.5	408	390		387
16.0	411	396		393
16.5	417	402	351	399
17.0	420	408	357	405
17.5	429	414	363	411
18.0	432	420	366	417
18.5	435	426	372	423
19.0	438	429	378	429
19.5	441	435	384	435
20.0	447	441	387	441
20.5	453	447	393	447
21.0	459	453	396	453
21.5	468	456	402	456
22.0	474	459	408	457
22.5	480	465	411	465
23.0		471	417	
23.5		477	420	
24.0		480		
24.5		486		
25.0		492		
25.5		495		
26.0		501		
26.5		502		
27.0		510		
27.5		513		
28.0		516		
28.5		522		
29.0		525		

Bushing Number	MEC Single Stage Presses				MEC Progressive Presses			
	Solo 1000 grains	Solo 1250 grains	No 2 grains	Nitro 100 grains	Solo 1000 grains	Solo 1250 grains	No 2 grains	Nitro 100 grains
20		13.9	17.0			13.5	17.0	
21		14.2	18.0			13.9	18.0	
22		14.7	18.7			14.4	18.7	
23		15.0	19.4			14.8	19.4	
24		15.6	20.2			15.5	20.2	
25		16.1	20.5	15.5		14.2	16.0	15.2
26	16.0	17.0	21.6	16.3		14.5	16.8	16.0
27	16.3	17.9	22.6	17.0		15.5	17.5	22.6
28	17.3	18.4	23.5	17.5		16.2	18.0	23.5
29	18.0	19.4		18.3		17.0	18.9	18.0
30	18.8	19.9		19.1		17.4	19.6	18.7
31	19.2	20.5		19.7		19.0	20.1	19.4
32	20.8	21.2		20.3		19.6	21.0	20.0
33	21.4	22.3		20.8		20.2	22.0	20.2
34	22.0	23.1		21.5		21.0	22.6	21.1
35	22.8	23.7		22.3		21.5	23.2	21.9
36	23.3	24.6		23.0		22.0	24.3	22.6
37	23.8	25.2		23.9		22.7	25.0	23.4
38	24.5	26.4				23.5	26.0	
38A	25.3	26.7				24.5	26.5	
39	26.3	28.3					28.0	
39A		29.1					28.9	

Ponsness Warren Presses				
Letter	Solo 1000 grains	Solo 1250 grains	No 2 grains	Nitro 100 grains
D1		12.0		11.2
E		13.7	17.0	12.5
E 1		14.0	18.4	13.1
E 2		14.5	19.0	13.8
F	14.3	15.5	20.2	14.6
F1	14.5	15.7	20.5	14.8
G	15.9	17.5	22.7	16.4
G1	16.4	17.7	23.0	16.7
H	17.5	19.0	24.5	17.5
I	18.5	19.5		18.1
J	19.7	20.3		18.8
J1	20.4	20.8		19.6
K	20.7	21.4		20.1
L	21.4	22.5		21.2
M	22.1	23.5		21.3
N	23.5	25.0		23.6
O	24.0	25.5		24.2
P	24.6	26.0		24.9
Q		26.3		25.2
R		28.0		
S		28.3		

Wad Equivalents	
Claybuster WAD	Equivalent WAD
CB-0178-12	WAA 12L
CB-4100-12B	Lightning
CB-1100-12	WAA 12SL
CB-2100-12	Fed 12S0
CB-0118-12	WAA WT12
CB-1118-12	WAA 12
CB-2118-12	Fed 12S3
CB-3118-12AR	Fed 12 C1
CB-3118-12A	Rem Fig 8
CB-4118-12B	Windjammer



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